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| FORM PTO-1390<br>REV. 2/01T   |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE   | CUSTOMER NO. 22,852<br>ATTORNEY'S DOCKET NUMBER<br><br>05788.0317                              |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b> |  |   | U.S. APPLICATION NO.<br>(If known, see 37CFR1.5)<br><br><b>10/506658</b>                       |
| INTERNATIONAL APPLICATION NO.<br><br>PCT/EP02/02466   | INTERNATIONAL FILING DATE<br><br>March 6, 2002 | PRIORITY DATE CLAIMED   |  |
| TITLE OF INVENTION: METHOD FOR GUIDING AN ELECTROMAGNETIC RADIATION, IN PARTICULAR IN AN INTEGRATED OPTICAL DEVICE                  |  |   |  |
| APPLICANTS FOR DO/EO/US: 1) Marco ROMAGNOLI, 2) Maurizio TORMEN, and 3) Camilla BONATI  |  |   |  |
| Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:     |  |   |  |
| 1.  | <input checked="" type="checkbox"/>            | This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.   |  |
| 2.  | <input type="checkbox"/>                       | This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.   |  |
| 3.  | <input type="checkbox"/>                       | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |
| 4.  | <input type="checkbox"/>                       | The US has been elected by the expiration of 19 months from the priority date (Article 31).   |  |
| 5.  | <input checked="" type="checkbox"/>            | A copy of the International Application as filed (35 U.S.C. 371 (c)(2)).  |  |
|   | a.   | <input checked="" type="checkbox"/>   | is attached hereto (required only if not communicated by the International Bureau).            |
|   | b.   | <input checked="" type="checkbox"/>   | has been communicated by the International Bureau.   |
|   | c.   | <input type="checkbox"/>  | is not required, as the application was filed with the United States Receiving Office (RO/US). |
| 6.  | <input type="checkbox"/>                       | An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).   |  |
|   | a.   | <input type="checkbox"/>  | is attached hereto.  |
|   | b.   | <input type="checkbox"/>  | has been previously submitted under 35 U.S.C. 154 (d)(4).                                      |
| 7.  | <input checked="" type="checkbox"/>            | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).  |  |
|   | a.   | <input type="checkbox"/>  | are attached hereto (required only if not communicated by the International Bureau).           |
|   | b.   | <input type="checkbox"/>  | have been communicated by the International Bureau.  |
|   | c.   | <input type="checkbox"/>  | have not been made; however, the time limit for making such amendments has NOT expired.        |
|   | d.   | <input checked="" type="checkbox"/>   | have not been made and will not be made.   |
| 8.  | <input type="checkbox"/>                       | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).  |  |
| 9.  | <input type="checkbox"/>                       | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).   |  |
| 10.   | <input type="checkbox"/>                       | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).                   |  |
| Items 11 to 20 below concern document(s) or information included:   |  |   |  |
| 11.   | <input checked="" type="checkbox"/>            | Information Disclosure Statement under 37 CFR 1.97 and 1.98   |  |
| 12.   | <input type="checkbox"/>                       | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |
| 13.   | <input checked="" type="checkbox"/>            | A <b>FIRST</b> preliminary amendment, with Abstract.  |  |
| 14.   | <input type="checkbox"/>                       | A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.   |  |
| 15.   | <input type="checkbox"/>                       | A Substitute specification.   |  |
| 16.   | <input type="checkbox"/>                       | A change of power of attorney and/or address letter.  |  |
| 17.   | <input type="checkbox"/>                       | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.   |  |
| 18.   | <input type="checkbox"/>                       | A second copy of the published international application under 35 U.S.C. 154 (d)(4).  |  |
| 19.   | <input type="checkbox"/>                       | A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).  |  |
| 20.   | <input checked="" type="checkbox"/>            | Other items or information:   |  |
|   | a.   | <input checked="" type="checkbox"/>   | Copy of cover page of International Publication No. <b>WO 03/075055 A1</b> .                   |
|   | b.   | <input type="checkbox"/>  | Copy of Notification of Missing Requirements.  |

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| U.S. APPLICATION NO. (If known, see 37CFR 1.5)<br><b>10/506658</b>  |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/EP02/02466</b> |      | ATTORNEY'S DOCKET NUMBER<br><b>05788.0317</b>  |           |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b><br><br>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1080.00</b><br><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$920.00</b><br><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$770.00</b><br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$730.00</b><br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33 (1)-(4) ..... <b>\$100.00</b><br><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> |              |  |      | CALCULATIONS PTO USE ONLY  |           |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30  |              |  |      | \$   |           |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA   | RATE |  |           |
| Total Claims  | 35           | - 20 =   | 15   | x \$18.00  | \$ 270.00 |
| Independent Claims  | 3            | - 3 =  | 0    | x \$86.00  | \$        |
| <input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (if applicable)   |              |  |      | +\$290.00  | \$ 290.00 |
| <b>TOTAL OF THE ABOVE CALCULATIONS =</b>  |              |  |      | \$1480.00  |           |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |  |      | \$   |           |
| <b>SUBTOTAL =</b>   |              |  |      | \$1480.00  |           |
| Processing fee of \$130.00 for furnishing the English translation later than months from the earliest priority date (37 CFR 1.492(f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30  |              |  |      | \$   |           |
| <b>TOTAL NATIONAL FEE =</b>   |              |  |      | \$1480.00  |           |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.  |              |  |      | \$   |           |
| <b>TOTAL FEES ENCLOSED =</b>  |              |  |      | \$   |           |
|   |              |  |      | Amount to be refunded:   | \$        |
|   |              |  |      | charged:   | \$        |
| a. <input type="checkbox"/> A check in the amount of \$ ___ to cover the above fees is enclosed.<br>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>06-0916</u> in the amount of <u>\$1480.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0916</u> . A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.   |              |  |      |  |           |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.  |              |  |      |  |           |
| <b>SEND ALL CORRESPONDENCE TO:</b><br>Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.<br>1300 I Street, N.W.<br>Washington, D.C. 20005-3315<br>EFC/FPD/blc<br>DATED: September 3, 2004   |              |  |      |  |           |
|   |              |  |      | <br>SIGNATURE<br>Ernest F. Chapman/25,961<br>NAME/REGISTRATION NO. |           |